

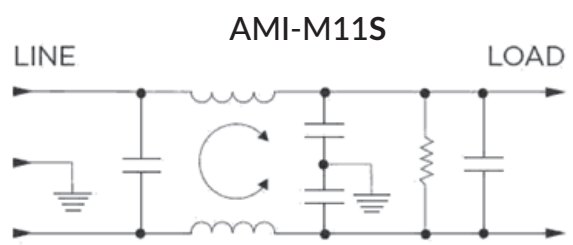
Features

- General purpose filtering
- High CM & DM attenuation
- Rated up to 6A
- Choice of termination

Applications

- Electrical and Electronic equipment
- Consumer goods
- Home appliances
- Office equipment

Typical Circuit Diagram



Approvals & Compliances



Technical Specifications

Maximum Continuous Operating Voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	3 to 6A @40°C
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

Selection Table

AMI Designation	Input/output Style				Current Rating	Inductance mH	Capacitance		Resistor KO	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz mA	TIL Insertion Loss	Case Style
	6.3mm Spade Terminals	Wire Leads	Threaded Bolts	IEC			Cx nF	Cy pF				
AMI-M11S-1-3	1	-	-	-	3	36.8	940	-	330	0	-	A
AMI-M11S-3-3	-	3	-	-	3	36.8	940	-	330	0	-	B
AMI-M11S-7-3	-	-	-	7	3	36.8	940	-	330	0	-	C
AMI-M11S-1-3-C	1	-	-	-	3	36.8	940	4000	330	0.30/0.50	001	A
AMI-M11S-3-3-C	-	3	-	-	3	36.8	940	4000	330	0.30/0.50	001	B
AMI-M11S-7-3-C	-	-	-	7	3	36.8	940	4000	330	0.30/0.50	001	C
AMI-M11S-1-6	1	-	-	-	6	18.5	940	-	330	0	-	A
AMI-M11S-3-6	-	3	-	-	6	18.5	940	-	330	0	-	B
AMI-M11S-1-6-C	1	-	-	-	6	18.5	940	4000	330	0.30/0.50	002	A
AMI-M11S-3-6-C	-	3	-	-	6	18.5	940	4000	330	0.30/0.50	002	B

Case Styles

STYLE A

Typical Dimensions:

- Line/Load Terminals (4): .250 [6.3] with .07 [1.8] Dia. hole
- Ground Terminal (1): .250 [6.3] with .07 x .16 [1.8 x 3.8] slot
- Mounting Holes (2): .188 [4.78] Dia.

STYLE B

Typical Dimensions:

- Wire Leads (5): 4.0 [101.6] Min., AWG18
- Mounting Holes (2): .188 [4.78] Dia.

STYLE C

Typical Dimensions:

- Load Terminals (2): .250 [6.3] with .07 [1.8] Dia. hole
- Ground Terminal (1): .250 [6.3] with .07 x .16 [1.8 x 3.8] slot
- Line Inlet (1): IEC 60320-1 C14
- Tapped Inserts (2): 6-32 x 1/4

Mechanical Dimensions:

Model Number	A max	B max	C max	D $\begin{smallmatrix} \pm .15 \\ \pm .38 \end{smallmatrix}$	E max
AMI-M11S-1-3-C AMI-M11S-1-6-C	3.56"/90.4mm	2.15"/54.6mm	1.81"/46.0mm	2.938"/74.63mm	3.38"/85.9mm
AMI-M11S-3-3-C AMI-M11S-3-6-C	2.55"/64.8mm	2.15"/54.6mm	1.81"/46.0mm	2.938"/74.63mm	3.38"/85.9mm
AMI-M11S-7-3-C	3.52"/89.4mm	2.25"/57.2mm	1.78"/45.2mm	1.575"/40.01mm	*0.63"/16.0

Typical Insertion Loss

According to CISPR17 in 50 Ω system

— Common Mode / Asymmetrical (L-G)
— Differential Mode / Symmetrical (L-L)

